

Infrared Spectra of Nonirradiated and Irradiated Monoliths (10 million roetgens)

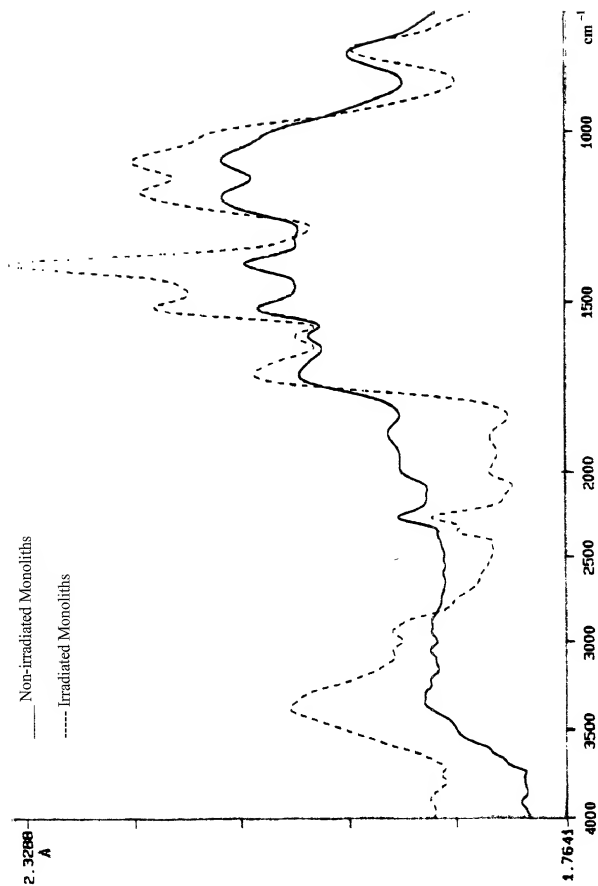


FIG. 1

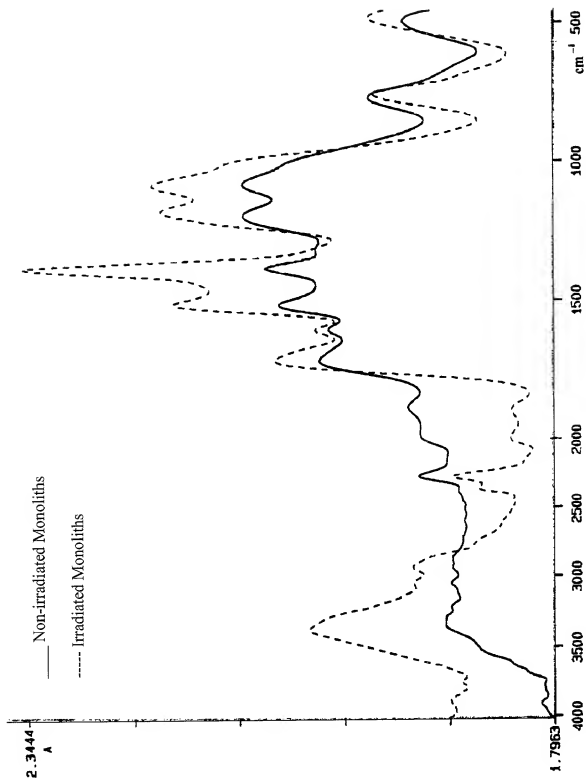


FIG. 2

The diagram illustrates the ERDF (Enhanced Rotary Drying/Firing) process. It begins with an **O₂** cylinder feeding into a **Burner**. The burner's output goes through a series of components: **Cat 1**, **Cat 2**, **Cat 3**, a **Scrubber**, and a **Filter**, finally exiting as **Off Gas**. Simultaneously, a **He** (Helium) cylinder feeds into a **Heat** exchanger. The **Heat** exchanger is connected to a rotary furnace system. The furnace has two main sections, **A** and **B**. Section **A** contains a rotating drum with a heating coil. Section **B** contains a rotating drum with a heating coil. The output from section **B** goes through a **Compress** unit, then a **Polymer Coating** unit, and finally to **To Disposal at ERDF Facility**. The **He** cylinder also feeds into a second **Heat** exchanger, which is connected to the rotary furnace system.

FIG. 3

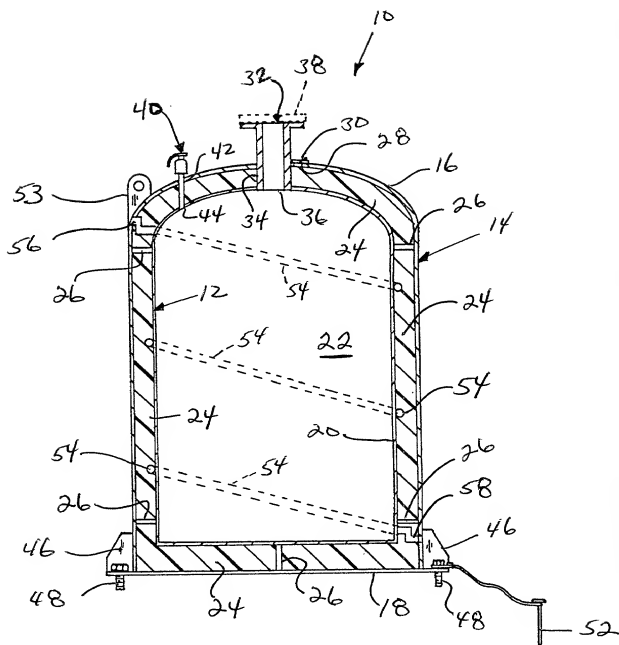


Fig. 4

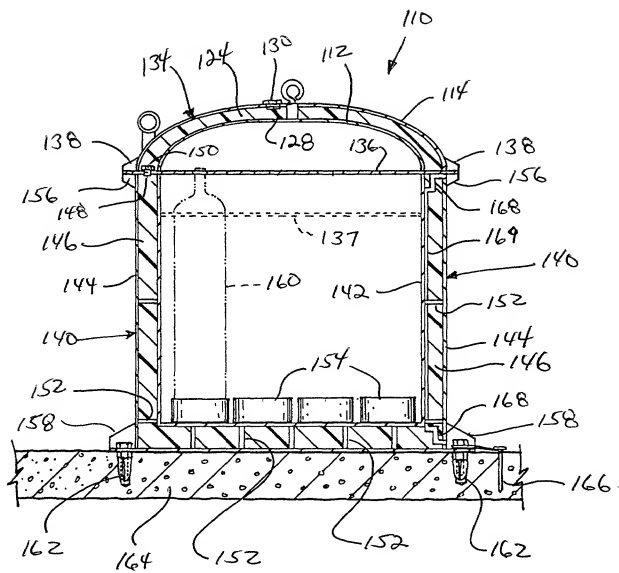


Fig. 5

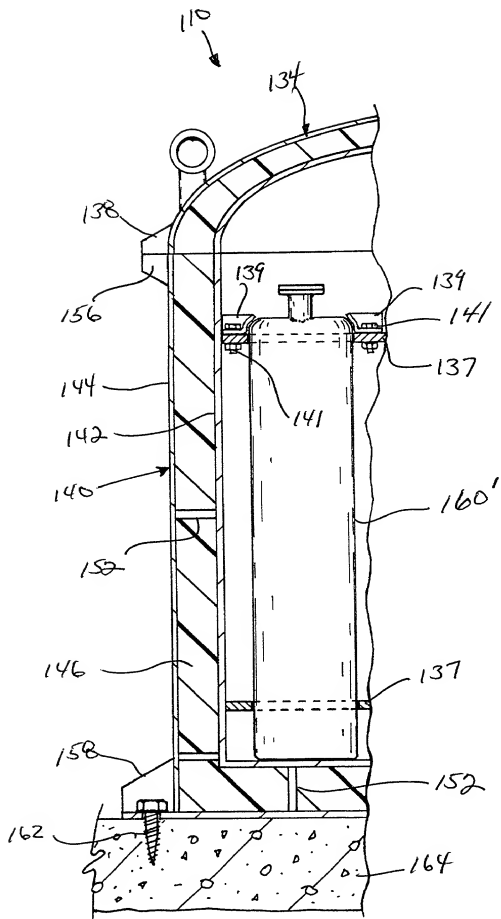


Fig. 6

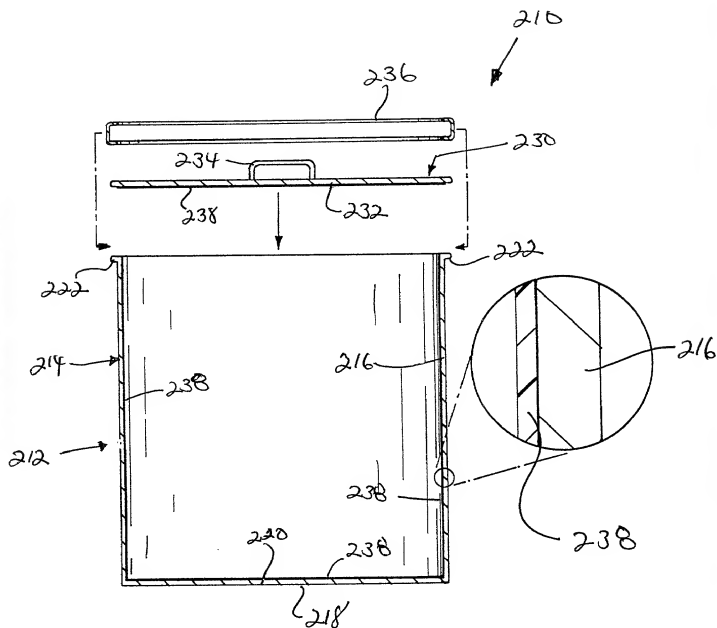


Fig. 7